COVNTRY HOVSEVVIFES GARDEN.

of common vse, with their times and scalons, when to set and sow them.

TOGETHER.

With the Husbandry of Bees, published with secrets very necessary for enery Housewife.

As also divers new Knots for Gardens.

The Contents see at large in the last Page.

GE N. 2.29.

I have given unto you every Herbe, and every tree, that shall be to you for meate.



London printed for Roger lackson. 1623.



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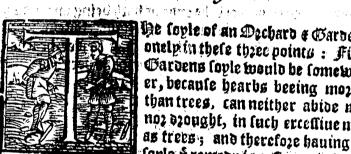


THE COVNTRY HOVSWIFES

GARDEN.

CHAR! I

The Soyle.



he sople of an Dechard & Warden, differ onely in these three points: First, the Gardens loyle would be comewhat day- Dry. er, because hearbs beeing moze tender than trees, can neither abide moissure noz dzought, in fuch ercessive measure, ss trees; and thereto, and the decought, some with small laas frees; and therefore having a prier

if need ber water foundly, which may bee done with small labour, the compatte of a garden being nothing to great, as of an Dachard, and this is the cause (if they know it) that Gardiners railetheir squares : but if moy cure trouble you, I see no remody without a generall nanger, ercept in Pops, which de- Hops. light much in a low and sappy earth.

Decondly, the forle of a Garden would be plaine and levell, Plainc. at least energ square (fo; we suppose the square to be the fittest forme) the reason: the earth of a Garden wanting such helpes, as Could Caythe water, which an Dechard bath, and the roots of hearbs being sport, and not able to fetch their liquor from the bottome, are moze annoyed by drought, and the Soyle being mellow and loofe, is soone either wallt away, or sends out his heart by too much deenching and walhing.

Thirdly, if a garden soyle be not cleere of weeds, and namely,

The Country House wifes Garden.

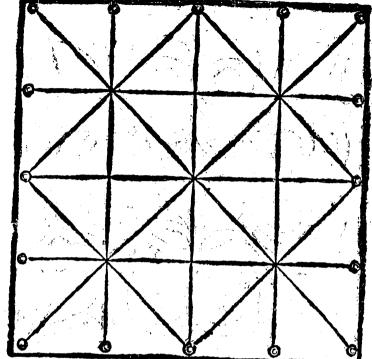
of graile, the hearbs chalinever thrive: for how thould good hearbs profper, when entil weeds wave to falt: confidering good hearbs are tender in respect of eath weedes; these being Arengthened by nature, and the other by Art. Wardens have small place in comparison, and therefore may the more easily be fallowed, at the least one halfe yeers before, and the better orested after it is framed. And you shall finds that cleans keeping both not onely anoid danger of gathering weeds, but also is a special ornament, and leanes more plentiful say for your tender bearbs.

CHAP. II.

Cannot see in any sorthow the Site of the one Houlo not be good, and fit sorthe other: The ends of both being one, good, wholesome, and much fruit is pued with delight, buleste trees be more able to abide the nipping frosts that famer hearbs; but I am sure, the slowers of trees are as some persches with celd, as any hearbe except Pompions, and Pelons.

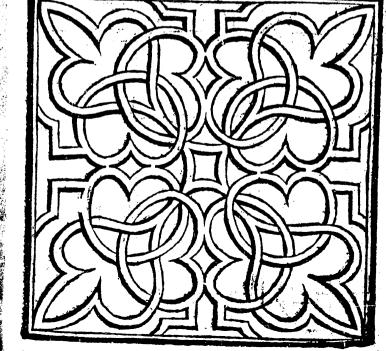
CHAP. III. Of the forme.

Tet that which is iaid in the Dechards forme, suffice so, a Carden in generall; but so, special somes in squares, they are as many, as there are devices in Gardiners dealines. Per ther is the wit and art of askilfull Gardiner in this point not to be commended, that can works more variety softeeding of more velightsome those, and of all those things, where the one ner is able and desirous to be satisfied. The number of somes, spaces and knots is so great, and men are so diversly desighted, that I leave every Poulewise to her selfe, especially seeing to set downe many, had been botton fill much paper; yet less deposite her of all desight and direction, let her be we these sew, those, new somes, and note this generally, that all places are square, and all are borded about with Privite, Rathus, Feater seeing, Koses, Thorne, Kosemarie, Hat solvers, Nop., Sage, 20, such like.

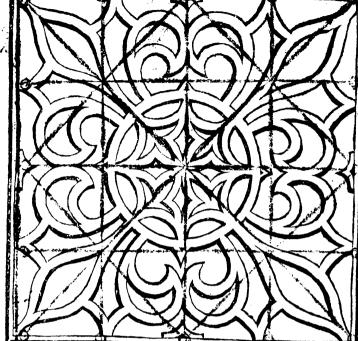


The ground plot for Knots.

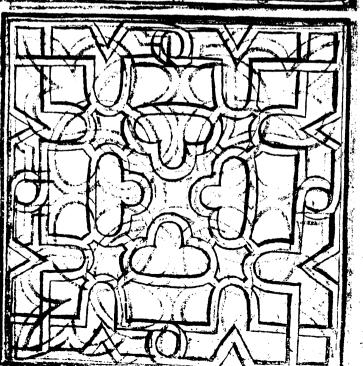
Cinkfoyle.

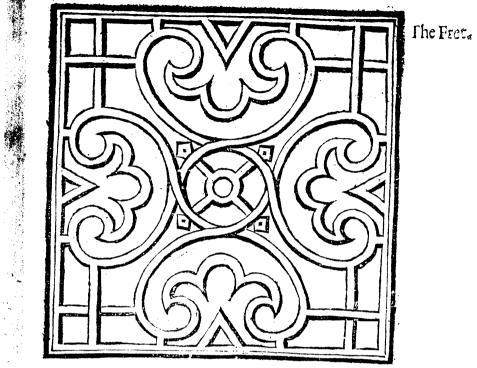




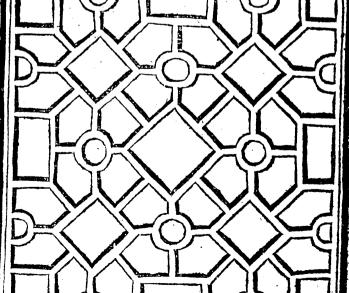


The Trefoyle.



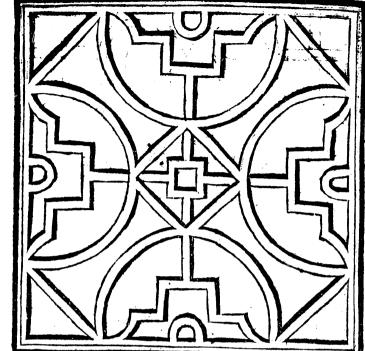


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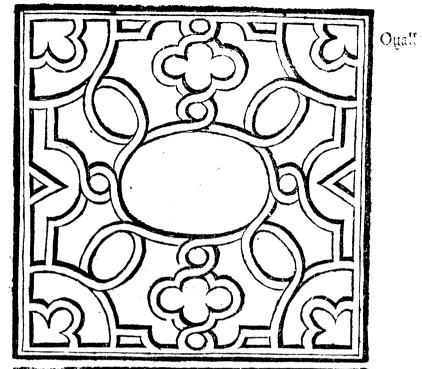
The Country Housewifes Garden.

Crosse.

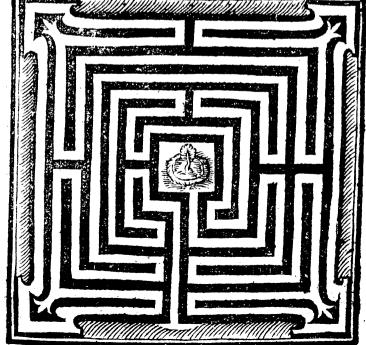


Diamond.





Maze,



CHAP. IIII. Of the Quantitie.

Apropen requires hnot so large a scope of ground as an Aprehard, both in regard of the much Wiceding, dressing and removing, and also the paines in a Garden is not so well repayed home, as in an Archard. It is to be granted, that the Airchin garden both yeeld rich gaines by Berries, Kootes, Cabbages, sc. yet these are no way comparable to the fruits of a rich Orchard: but not with Kanding Lam of opinion, that it were better sor England, that we had more Orchards and Sardens, and more large. And therefore we leave the quantitic to enery mans ability and will.

CHAP. V. Of Fence.

Scing we allow Gardens in Dechard plots, and the beneath of a Garden is much, they both require a Arong & Checkbourg fence. Therefore leaning this, let be come to the hearby themselves, which must be the fruit of all these labours.

CHAP. VI. Of two Gardens.

Tequiring diners manners of Hulbandzy) that wee have two Gardens: A Garden foz flowzes, & a Litchen Garden: oz a Summer Garden, and a Winter Garden: not that wee meane so persect a distinction, that y Garden foz flowzes thould oz can be without heards good foz the Litchen, oz the Litchen Garden should want flowzes, noz on the contrarie: but foz the most part they would be severed: first, because your Garden flowzes shall suffer some disgrace, if among them you interming of Mills for must be of one fozme: but that, which is foz your Litchens vie, must peeld daily rootes, oz other heardes, and suffer desomitic. Thirdly, the heardes of both will not be both alike redy, at one time, eyther foz gathering, oz remouing. First therefoze

Of the Summer Gardens-

These hearbes a sowies are comely a durable so; squares and knots, and all to be set at Michael-tide, o; somewhat before,

The Country Howse wifes Garden.

before, that they may be settled in, and taken with the ground, before Winter, though they may bee set, especially sowns in the Spring.

9

Roles of all forts (spoken of in the Drchard,) must bee set. Some vie to set slippes and twine them, which sometimes, but solven theire all.

Rolemary, Lauender, Béc-flowers, Flop, Sage, Time, Townips, Pyony, Dasses, Cloue Billistowers, Pinkes, Sothernwood, Lillies, of all which hereafter.

Of the Kitchen Garden.

Doughyour Garden for flowers doth in a fort peculiarly challenge to it selfe a profit, and exquisite forme to the eves, vet you may not altogether neglect this, where your bearbs for the pot one grow. And therefore, some here make comely borders with & Pearls aforesato. The rather because abbundance of Roles and Lauender yeeld much profite, and comfort to the fences: Rolewater and Lauender, the one core diall (as also the Aiolets, Burrage, & Buglas) the other renining the spirits by the sence of smelling: both mot durable for fmell, both in flowers and water: you need not here raife pour beds, as in the other Garden, because Summer towards, will not let too much wet annoy you. And these heards require moze moiffare: pet mut you have your beos dinided, that you may go betwirt to weede, & somewhat forms would be expected: To which it availeth, that you place your hearbs. of biggett growth, by malles, as in bosders, as Kenell. c. and the lowest in the middest, as Hackron, Strawbergies, Dnions, fc.

CHAP. VII.

Division of hearbs.

Arden heards are innumerable, yet these are common and sufficient sozour Country Poulewives.

Hearbs of greatest growth.

Fenell, Angelica, Banse, Pollybock, Louage, Elly Cappane, French Wallowes, Lyllies, French Poppie, Endine, Succepp, and Claric.

Hearbs

JA 3

Hearbs of middle growth.

Burrage, Buglas, Barfie, fwect Sicillye, Rower deluce Stocke VillyCowers, Wall-Cowers, Annilads, Coziander Feather-fewell, Parigolog, Doulus Chrifti, Langoibeefe, 2. leranders, Carduus Benedicus.

Hearbs of smallest growth.

Panipe, 02 Parts eale, Coaft Pargeram, Sauery, Strafe. beries, Saffron, Lycolas, Daffadowndillies, Leekes, Chiucs. Chibals, Sherots, Dnions, Batchelozs buttons, Dades Benpryall.

Hitherto Ihaue onely reckoned by, & put in this rank, some hearbs. Their hulbandzy follow each in an Alphabeticall o2.

der, the better to be found.

CHAP. VIII. Husbandry of Hearbs.

Lexanders are to be renued as Angelica. It is a findy Motshearbe.

Angelica is renued with his feede, whereof he beareth plentie the fecond yeare, and so oveth. Bou may remove the roots the first peere. The leaves bistilled, peeld water soueraigneto expell paine from the stomacke. The roots dayed taken in the fall, Coppetb the poares against infections.

Anny seedes make their growth, and beareth seedes the first yeere, & dyeth as Coriander: it is good for opening the pipes,

and it is bled in Comfits.

Artichoakes are renued by dividing the roots into lets, in Harch, energy third or fourth peere. They require a seucrall blage, and therefore a fenerall whole plot by themselves, esper cially confidering they are plentifull of fruite much defired.

Burrage & Buglas, two coedials, renue themselues by seede peerely, which is hard to begathered: they are exceeding good Pot-heards, good for Bes, and most comfortable for the heart and fomack, as Quinches and Wardens.

Camomile, set rootes in bankes and walkes. It is sweet

smelling, quallifying headache.

Cabbages require great rome, they seede the second yeere: lowe them in February, remove them when the plants are an handfull long, fet deepe and wet. Looke wellfin drought for the The Country Housewifes Garden.

white Catervillers worme, the spannes buder the leafe closely: for energlining Creature both feek food and quiet shelter, and growing quicke, they draw to, and eate the heart: you may find them in a rainte or deawie morning. It is a good Pothearbe. and of this Bearb called Colc, our Country Boulewines aine their pottage their name, and call them Caell.

Carduus Benedictus, oz bleffed thiffle, seeds and dres the first peere, the excellent vertue thereof if referre to Berbals:

for we are Wardiners, not Phylicians.

Carrets are fotone late in Aprill or Way, as Turneys, else they seede the first years, and then their roots are naught: the fecond peers they dye, their rootes grow great, and require large roome.

Chibals of Chiues have their rootes parted, as Warlick, Lile lies, sr, and so are they let enery third or fourth years: a good

pothearbe opening, but evill for the eyes.

Clarie is fowne, it feeds the fecond peere, and epes. It's fom what harf in tale, a little in pottage is good, it frengtheneth the reines.

Coaft, Rootes parted make fets in Barch: it beares the fecond peere : it is bled in Ale in Way.

Coriander is for blage and bles, much like Annileeds.

Daffadowndillies haue their rootes parted, and set once in three or four years, or longer time. They flower timely, and after Didfummer, are scarcely leene. They are moze foz ognament, than ble, so are Daifies.

Daifye rootes parted and let, as Flower-beince and Camomile, when you fee them grow too thicked; decay. They be good to keepe by, and Arengthen the edges of your besters, as

Binkes, they be red, white, mirt.

Ellycampane root is long lasting, as is the Louage, it feeds peerely, you may divide the root, and let the root, taken in Edinter it is good (being daped, powdered and daunke) to kill itches.

Endine and Succory are much like in nature, thape, and ble, they renue themselves by seed, as Fenneil, and many other hearbs. Pou may remoue them befoze they put forth Shanks, a good Bothearbe.

Fennell is renned, either by the feeds (which it beareth the second

The Country Housewifes Garden.

fecond peere, and to peerely in great aboundance) fowne in the fall og Spring, og by dividing one root into many Dets, as Are tichoke, it is long of growth and life. You may remoue the rot bushankt. It is exceeding good for the eyes, diffilled, or any o. therwise taken: it is bled in dreffing Hines for Cwarmes, abery good Dothearbe, og fog Sailets.

Fethersewle haues seed. Good against a haking Kener,

taken in a pollet dzinke falting.

Flower-deluce, long lasting. Dinive his roots, and let: the

rootes dired have a sweet smel.

Garlicke may be fet an handfull vistance, two inches veepe in the edge of your beds. Part the heads into fenerall cloues. and enery cloue fet in the hinder end of February, wil increase to a great head before September : good for opening, entil for eyes: when the blade is long, fast two and two together, the bears will be bigger.

Hollyhocke rifeth high, feedeth and dyeth: the chiefe ble 3

know is ornament.

Hop is reasonable long latting: young rootes are good to

let, flips better. A good Pothearbe.

Iuly-flowers, commonly called Gilly-flowers, or Cloue. July-flowers (I call them to, because they flower in July) they have the name of Cloues, of their fent. I may well call them the king of flowzes (except the Kose) the best sozt of them, are called Queene-Iuly-flowres. Thane of them nine of ten feuerall colours, and divers of them as bigge as Roles: of all flowjes (saue the Damaske Role) they are the most pleasant to light and smell: they last not past three or foure yeares but remoned. Take the lips (without hankes) and let any time, faue in extreme frost, but especially at Michael tide. Their vie is much in ognament, and comforting the spirits, by sthe sence of smelling.

Iuly-flowres of the Wall, of Wall Iuly-flowres, Wall-Kowzes, oz Wee-flowzes, oz Minter July-flowzes, because growing in walles, enen in Winter, and good for Bees, will grow euen in Cone walles, they will feeme dead in Summer, and yet renine in Winter. They yeeld feed plentifully, which you map low at any time, or in any broken earth, especially on tye top of amudde wall, but moyt, you may let the root before it be brancht, every flip that is not flowed, will take root, or crop him in Summer, and he will flower in Winter: but his winter feed is butimely. This and Palmes are exceeding goed, and timely for Bees.

Leekes peeld feed the second prere, buremoued and die, but lesse you remove them, bsuall to cate with salt and bread, as Onvons alwayes greene, good Pothearbe, enill foz the epes.

Lauender Spike would be remoued within seuen peeres, 03 eight at the most. Slips twined as Mop and Sage, would take belt at Michael tyde. This flower is god for Bees, moft comfortable for smelling, except Roles: and kept dry, is as Arong after apcere, as when it is gathered. The water of this is coinfoztable.

With Lauender would be remoued fooner.

Lettice yeelds feed the first yeere, and byes: fow betime, and if you would have them Cabbage for Ballets, remone them as you doe Cabbage. They are bluall in Sallets, and the pot.

Lillies white and red, removed once in three or four pieces their roofes yeeld many Sets, like the Garlicke. Michael tide is the best: they grow high, after they get rootes: these rootes are good to breake a Byle, as are Mallowes and Sorrell.

Mallowes French, og gagged, the first og second peere, seed plentifully: fow in Parch, oz befoze, they are god foz the house-

wifes pot, or to breake a bunch.

Marigolds most commonly come of seed, you may remous the Plants, when they be two inches long. The vouble Parigold, being as bigge as a little Role, is good for thew. They are a good Pothearbe.

Oculus Christi, oz Christs eye, seeds and dyes the first or second peere: you may remove the yong Plants, but leed is better: one of these seeds put into the eye, within three or foure houres will gather a thicke skinne, cleere the eye, and boit it felfe forth without hurt to the eye. A good Pot hearbe.

Onyons are sowne in February, they are gathered at Michaeltide, and all the Summer long, for Sallets; as also yong Parfly, Sage, Chibals, Tettice, Iweet Sicilly, Fennell, &c. good alone, of with meate as Putton, ec. for fauce, especially for the pot.

Partly sow the first years, and ble the next years: it scedes plen-

plentifully, an hear be of much ble, as tweet Sicily is. The feed and roots are good against the Stone.

Parsneps require an whole plot, they be plentifull and common: foin them in February, the Bings (that is in the middle) for broadest and reduct. Parlieps are lustenance for a from stomake, not good for enill eyes: Withen they cover the earth in a drought to tread the tops, make the rootes biacer.

Peny-royall of Dudding Graffe, creepes along the ground. like around Juie. It lasts long, like Daises, because it puts and fureads dayly new rootes. Dinide, and remone the rootes. it bath a pleasant take and smell, good for the pot, or backt meate, or Paggas Dudding.

Pumpions : Set leeds with your finger,a finger beepe, late in Warch, and fo foon as they appeare, enery might if you doubt frost cover them, and water them continually out of a water. pot: they be very tender, their fruit is great and waterilb.

Trench Poppy beareth a faire flower, and the Seed will make you fleepe.

Raddish is fauce for cloved Comacks, as Capers, Dlives, and Cucumbers, cast the seedes all Summer long here and there, and you hall have them alwaies youg and frem.

Rosemary, the grace of Bearbs in England, in other Courtries common. To fet flips immediately after Lammas, is the furest way. Seede fowne may prove well, so they be sowne in not weather, somewhat moil, and goed earth: for the Wearbe, though great, is nell and tender (as Itake it) brought from hote Countries to be in the cold Porth: let thinne. It becomes a Minocow well. The vie is much inmeats, moze in Phylick, molt for Bees.

Rue, or Hearbe of Grace, continually græne, the flips are fet. It laffs long as Kolemary, Sothernwood, &c. too Arong fo; mine Housewifes pot, bnlesse will baue Ale therewith, against the Plague: let him not seede, if you will have him lait.

Saffron, suary third peere his rootes would be remoued at Hid-lummer: for when all other hearbs grow most, it dyeth. It floweth at Michael tide, and groweth all Edinter: hespo his flowers from birds in the mogning, and gather the yellow (for they hapo much like Lillien) day, and after day them:

The Country Housewifes Garden.

they be precious, expelling diseases from the heart a flomacke. Saucry feeds and dyes, the first pecre, good for my businings rotandure.

Sage : fet flips in May, and they grow are: Let it not feed, it will last the longer. The ble is much and common. The Monkish Wzouerbeis tritum:

Cur moritur homo cum saluia crescit in horro?

Skerots othe raois are let when they be parted, as Pyonic. and Flower-beluce at Michael-tide: the root is but small and very sweet. A know none other speciall vie but the Wable.

Sweet Sicily, long latting, pleafantly tacting, gither the lea fowner or the root parted, and removed, makes increase, this of like vie with Warlly.

Strawberries long latting, let rootes at Michael-tide, or the fuzing they be red, white and greene, and ripe, when they bee areat and loft . some by Did-lummer with vs. The vic is they will coole my Poulewife well, if they bee put in Taine oz Creame with Sugar.

Time, both feeds, flips and rootes are good. If it feed not, it will last three or foure peeres or more, it smelleth comfortably. At hath much ble: namely, in al colo meats, it is good for Boxs.

Turney is sowne. An the second weere they beare plenty of feede: they require the same time of fowing that Carrets doe: they are lick of the same viscale that Cabbages be. The roots increafeth much it is most wholesome if it be sowne in a good and well tempered earth : Soueraigne for eyes and Bees.

A reckon these heards onely, because I teach my Countrey Poulewife, not skilfull Artists, and it should be an endlesse labour, and would make the matter tenious to reckon up, Landibeefe, Stocke-Iuly-flowers, Charuall, Valerian, Go-to-bed-atnoone, Piony, Licoras, Tansie, Garden-mints, Germander, Centaurie, and a thousand such physicke Pearbs. Let her first grow cunning in this, and then the may inlarge her Garden, as her skill and abilitie increaseth. And to helpe her the more, A have let her downe thele observations.

CHAP. IX.

Generall Rules in Gardening.

Is the South parts Gardening may be moze timely, a moze lafely done, than with us in Yorkeshire, because our ayze is not so fanourable, noz our ground so good.

2 Secondly most feeds thakt, by turning the good earth, are renued, their mother the earth keeping them in her bowels, till the Sunne their Father can reach them with his heaf.

3 In setting hearbs, leave no top moze then an handfulla. boue the ground, noz moze than a foot buder the earth.

4 Awine the rootes of those sippes you set, if they will abide it. Gilly-flowers are too tender.

5 Set moilt, and lowe by.

6 Set flips without hankes at any time, ercept at pircummer, and in frosts.

7 Decoing spoiles the most rootes, as dealving the heart and san from the root.

8 Gather for the pot and medicines, hearbs tender and greens, the sap being in the top, but in winter the root is best.

9 All the heards in the Garden for flowers, would once in feuen yeares be renned, or foundly watred with public water, except Kosemaric.

10 In all your Gardens and Dichards, bankes and feates of Camomile, Peny-royall, Baiffes and Miolets, are seemely and comfortable.

Turneps, Parlneps, Onyons, Carrets, and (if you will) Saftron, and Secrets.

12 Gather all pour sceds, dead, ripe, and day.

they doc : for dung not melted is too hot, even for trees.

14 Thin letting and sowing (so the rootes kand not paka soot distance) is prositable, sor the hearts will like the better. Greater heards would have more distance.

15 Set and som heards in their time of growth (except at

The Country Housewifes Garden.

Dislummer, for then they are too too tender) but trees in their time of rest.

16 Agood Housewise may, and will gather Coze of hearbs for the pot, about Lammas, and dry them, and pownd them, and in winter they will make good service.

Thus have I lined out a Garden to our Countrey Poule-wives, and given them rules for common hearbs. If any of them (as sometimes they are) be knotty, I refer them to chap.

3. The skill and paines of weeding the Garden with weeding Weeding knives of fingers, I referre to them selves, and their maids, willing them to take the opportunitie after a shower of raine: with all I adule the Pissense, either to be present her selfe, or A good to teach her maids to know hearbs from weeds.

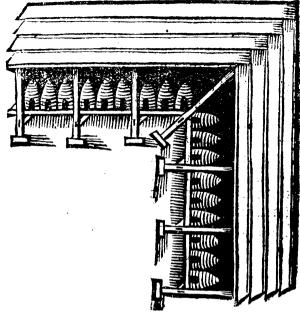
CHAP. X.

The Husbandry of Bees.

There remaineth one necessarie thing to bee prescribed, which in mine opinion makes as much so opnament as either Flowers, or some, or cleanlinesse, and Jam sure as commodious as any of, or all the restivities wees, well ordered. And I will not account her any of my good Housewines, that wanteth either wees or skillulnesse about them. And though know some have written well and truely, and others more plenticulty by on this Theame: yet somewhat have I learned by experience (being a wee-master my selfe) which hitherto I cannot since put into writing, sor which I thinke our House, wifes will count themselves beholving but ome.

The first thing that a Garoiner about Bees muse be careful say, is an house not kakes and kones abjoad, Sub dio: so, kakes rot and recle, raine and weather cate your hines, and coners, and cold most of all is hurtfull for your Bees. Therefore you must have an house made along, a sure dry wall in your Garden, neers, or in your Dichard: so, Bees love Flowers and wood with their hearts.

Beehoule,



This is the forme, a frame francing on posts with a Flore (if you would have it hold more Hives, two sloores boorded) laid on Bearers, and backe posts, covered over with boords, slate-wife. Let the sloores be without holes or clifts, lest in casing time, the Bees lye out, and loyter. And though your Hives stand within an hand-breath the one of another: yet wil Bees know their owne home. In this frame may your Bees stand dry and warme, especially if you make doores like dores of windowes to showd them in Winter, as in an house: pronided you leave the Hives mouthes open. I my selfe have denised such an house, and I finde that it keepes and strengthens my Bees much, and my Hives will last sire to one.

Hiucs.

Markam commends Piues of woo. I discommend them not: but araw Piues are in vie with vs, and Athinke with all the world, which I commend for nimblenes, closenesse, warmnesse and drinesse. Bees lone no externall motions of dawbing or luch like. Sometimes occasion hall bee offered to lift and turne Piues, as shall appears bereafter. One light entire him of Araw in that case is better, than one that is dawbed, weighty and cumbersome. I wish every hime, so a keeping swarme, to hold three pecks at least in measure. For too little Piues pro-

cure Bees, in casting time, either to lye out, and loyter, or else to cast before they bee ripe and strong, and so make weake swarmes and untimely: Whereas if they have roome sufficient, they ripen timely, and casting seasonably, are strong, and sit so, labour presently. Petther would the hive be too too areat, so, then they loyter, and waste meat and time.

Pour Bees velight in wood, for feeding, especially for cast-Hiving of ing: therefore want not an Drchard. A Mayes swarme is Bees, worth a Pares Foale: if they want wood, they be in danger of sping away. Any time before Pidsummer is good, for casting and timely before July is not eath. I much like P. Markams opinion for hiving a swarme in combes of a dead or forsaken hive, so they be fresh and cleanly. To thinke that a swarme of your owne, or others, will of it sels come into such an hive, is a meere conceit, Experto crede Roberto. His smearing with honey, is to no purpose, so the other Bees will eate it by. If your swarme knit in the top of a tree, as they will, if the winde beate them not to fall downe: let the Coole or ladder described in the Drchard, doe you service.

The lefte your Spelkes are, the lefte is the waste of your Spelkes. honey, and the more easily will they draw, when you take your Bees. Foure Spelkes athwart, and one top Spelke are luffieient. The Bees will fasten their Combes to the Hine. A little honep is good: but if you want, Fennell will ferue to rub your Dine withall. The Dine being dreft and ready spelkt, rubs anothe hole made for their passage (A vie no hole in the Dive, but a viece of wood heal'd, to fave the hive and keep out Dice) thake in your Bees, 02 the most of them (fo2 all commons ly you cannot get) the remainder wil follow. Pany vie smoke, Pettles, ac. which Jutterly villike: for Wees love not to bee snolected. Linging in time of casting is a mecre fancie, violent bandling of them is simply euill, because Wees of all other creatures, lone cleanlinede and peace. Therefore handle them leafarely and quietly, and their keeper whom they know, may due with them, whathe will, without hurt: Being hined at night, bring them to their leat. Set your Blues all of one yard together.

Signes of breeding, if they be Grong.

1 They will anoto dead yong Wees and Doones.

2 They will (west in the morning, till it runne from them) alwaies when they be Arong:

Signes of casting.

1 They will flye Dzoanes, by reason of heat.

2 The vong (warme will once or tivice in fome faire feat four come forth musicring, as though they would cast, to prougthemselves, and goe in againe.

3 The night befoze they call, if you tay your eare to the Dines mouth, you hall heare two or three, but especially one about the rell, cry, Clp, op, op; 02, Cont, tout, tout, like a trum-

vet, sounding the alarum to the battell.

Duch bescanting there is, of, and about the Paster-bee, and their degrees, ozders, and government: but the truth in this point is rather imagined, then demonstrated. There are some contectures of it, viz. we see in the Combes divers greater houses than the reat, and we heare commonly the night before they call, sometimes one Wee, sometimes two, 02 more Bees, give a lowd and severall sound from the rest, and sometimes Bees of greater bodies than the common fortibut what ofail this? I leane not on contectures, but love to let downe that I know to be true, and leave thefe things to them that lous to divine. Reepe none weake, if or it is hazard, oftentimes with loffe: Freeding will not helps them: foz being weake, they cannot come downe to meat, of if they come downe, they dye, ber cause Bees weake cannot abide cold. If none of these, yet wil the other Bees being firong, smell the honey, and come and spoile, and kill them. Some helpe is in casting time, to put two weake swarmes together, 0; as P. Markam well saith: Let them not cast late, by raising them with wood or stone: but with imps (lay I.) An impe is three or foure wreathes, wrought as the hine, the same compasse, to raise the hine withall : but by experience in tryall, I have found out a better way by Cluffering, for late or weake swarmes hitherto not found out of any that I know. That is this : After casting time, if I have any Clustering. Aocke proud, and hindered from timely casting, with former Winters pouertie, 02 eutil weather in calling time, with two handles & crookes, fitted for the purpole, I turne by that Cock so petired with Bees, and let it on the crowne, byon which so turned with the mouth voward, I place another empty

Catching.

hine well ozeff, and spelkt, into which without any labour, the Swarme that would not bepart, and call, wil prefently afcent, because the old Bees have this qualitie (as all other breeding creatures have) to expell the poung, when they have brought them by. There will the swarme build as kindely, as if they had of themselves been cast. But bee sure you lay betweet the hines some Araight and cleanely Aicke of Aickes of rather a boozd with holes, to keepe them alander: other wife they will iopne their workes together fo fast, that they cannot be parted. If you so keepe them as under at Michael-tide, if you like the weight of your swarme (for the goodnesse of swarmes is trick by weight) so catched, you may let it by soz a Cocke to keepe. Take heed in any case the combes be not broken, for then the other Bees will finell the honey, and spoyle them. This have I tryed to be very profitable for the fauing of Wees. The

Intrument bath this forme. The great Araight piece is wood, the reffare iron claspes and naples, the claspes are loose in the Stapes: Two men with two of these fastened to the Hive, will easily turne it by.

They gather not till July; foz then they be discharged of their young, or elfe they are become now frong to labour, and now lap in flowers is Arong and ploud: by reason of time, and socce of Sunne. And now also in the Porth (and not before) the hearbs of greatelt bigour put their Flowers; As Weanes, Fennell, Burrage, Rape, ec.

The most leasonable weather for them, is heat, & drought, because the nesh Bee can neither abide colo of wet: and showers (which they well foze-lee) voe interrupt their labours, buleffe

they fall on the night, and so they further them.

After calling time, you hall benefit your flocks much, if you helpe them to kill their Dzoanes, which by all probabilitie and judgement, are an idle kinde of Bees, and wastefull. Some lay they breed and have feen youg Droanes in taking their honey, which I know is true. But I am of opinion, that there are also Bees which have lost their Sings, and so being, as it were gelded, become idle and great. There is great ble

of them: Deus, et natura nihil fecit frustra. They heafe the bees, and cause them cast the sooner. They never come forath but when they be over heated. They never come home loaden. 26. ter calling time, and when the Was want meat, you thall fee the labouring Bes fasten on them, two, three, or foure at once. as if they were thienes to be led to the gallowes, and killing them, they call out, and drawthem farre from home, as hate. full enemies. Dur Ponlewife, if the bethe Keeper of ber ofine bes (as the had need to be) may with her bare hand in heatenf the day, fafely bestrop them in the hines mouth. Some ble towards night, in a hot day, to let before the mouth of the hine a thin borzo, with little holes, in at which the letter bees may enter, but not the dzoanes, so that you may kill them at your pleasure.

Annoyanecs.

Snayles spoile them by night like theenes: they come so quietly, and are so fast, that the Bes feare them not. Looke early and late, especially in a rainie og de wey enening og mognina.

Pice are no lette hurtfull, and the rather to hines of Aram: and therefore conerings of traw draw them. They will in eyther at the mouth, or theere themselnes an hole. The remedie is good Cats, Kats-bane and watching.

The cleanly Be hateth the smooth as poison, therefore let your Bás frand neerer your garden, than your Bzew-house of Bitchen.

They say Sparrows & Swallowes are enemies to Bés, but I see it not.

Pose hines perial by winters colo, than by all other hurts: For the be is tender and nice, and onely lines in warme weather, and dyes in cold: And therefore let my Poulewife bee perswaded, that a warme day house before described, is the chiefelf help the can make her bes again Athis, and many more mischiefes. Pany vie again colo in Winter, to Cop by their hive close, and some set them in honses, persmading theselnes, that thereby they relieve their bees. Firm-toffing and moving is hurtfull. Secondly, in houses, going, knocking, & Chaking is noplome. Thirdly, too much peate in an house is bunaturall for them; but lauly, and especially, Bas cannot abide to ve stopt close vp. Ho; at encry warms leason of the sun they re-

uille,

niue, and lining eate, and eating mult needs purge abroad, (in ber house) the cleanly Bee will not purge ber felfe. Indge pon what it is for any living creature, not to disburden nature. Weing thut by in calme featons, lay your eare to the hine, and vou shall bears them parme and pell, as so many bungred prifoners. Therefore impound not your Becs, to profitable and free a creature.

Let none fland about three yeares, else the combes will be Taking of blacke and knotty, your honey will be thin and bucleanly: and Bees. if any cast after three yeeres, it is such as have swarmes, and old Bees kept all together, which is great loffe. Smoaking with ranges, rosin, or brimstone, many ble : some ble drown ning in a tub of cleane water, the water well becode, will be good botchet. Daaw out your spelkes immediately with a paire of pinchars, lest the wood grow foft and swell, & so will not be drawne, then must you cut your hive.

Let no fire come neere your hong, for fire softeneth the ware Srayning and droffe, and makes them runne with the hong. Fire foften- honey eth, weakeneth, and hindereth hony for purging. Breake pour Combes small (when the dead empty combes are parted from the loaden combes into a Siue, borne ouer a great bowle. 02 veffell, with two flaves, and fo let it runne two or three dayes. The fooner you tunne it by, the better will it purge. Runne your (warme honey by it felfe, and that thall be your best. The elder pour Dines are, the worle is your honep.

Usuall vessels are of clay, but after wood be satiated with Vessels. Honey (for it will leake at first: for Boney is maruellously fearching, the thicke, and therefore vertuous) I ble it rather because it will not breake so some, with falls, froste, or other wife, and areafer beffels of clay will haroly laft.

When you vie your honey, with a spoone take of the skin which it hath put bp.

And it is worth the regard, that Bees thus bled, if you have but forty feeks, wall veeld you more comodity clearely than forty arres of good ground. And thus much may fuffice, to make good Boulewines love and have good Gardens and Bees.

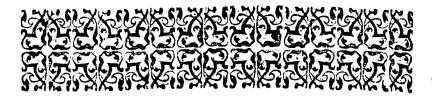
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A



MOST PROFITABLE

new Treatise, from approued experience of the Art of propagating Plants: by Simon Harward.

CHAP. I. The Art of propagating Plants.



Pereare foure forts of Planting, or propagating, as in laying of Chootes or little branches, whiles they are yet tender in some pit made at their foote, as Chall beclaid hereafter, or byon a little ladder or Wasket of Carth, tyed to the bottome of the branch, or in boaring a Willow thorow, and putting the branch of the

Tree into the hole, as thall be fully declared in the Chapter of Grafting. There are likewise seasons to propagate in; but the best is in the Spring, and Warch, when the Arces are in the Flower, and doe begin to grow lusty. The young planted Siens or little Grafts must be propagated in the beginning of Winter, a foot deepe in the earth, and god manure mingled amongs the earth, which you thall cast forth of the pit, wherein you meane to propagate it, to tumble it in boon it againe. In like manner your supersuous Siens, or little Plants must be cut close by the earth, when as they grow about some small Ampe, which we meane to propagate, for they would doe nothing but rot. For to propagate, you must digge the earth sound about the tree, that so your rootes may be laid in a manner.

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ner halfe bare. Afterward draw into length the pit on that five

where you meane to propagate, and according as you perceius that the rootes will be best able to peelo, and be gouerned in the fame pit, to ble them, and that with all gentienelle, and Kop close vour Stens, in such sozt, as that the wzeath which is in the place tohere it is grafted, may bee a little lower then the Siens of the new Wlood, growing out of the earth, even fo high as it possible may be. If the trees that you would propagate be somewhat thicke, and thereby the harder to ply, and fomewhat fiffe to lay in the pit : then you may wet the focks almost to the miost, betwirt the root and the foreathing place, and so with gentle handling of it, bow downe into the pit the wood which the grafts have put forth, and that in as round a town as you can, keeping you from breaking of it : afterward loy over the cut, with gummed Ware, 03 with gravell สเรื่อง จ.

> CHAP. II. Grafting in the Barke.

Alasting in the Barke, is bled from miv-August, to the I beginning of Winter, and als when the Westerne wines beginnerh to blow, being from the 7. of February, buto the recof June. But there mult care bee had, not to graffe in the barke in any rainy leafon, because it would wall away the matter of togning the one and the other together, and fo binder it.

Grafting in the budde, is bled in the Summer time, from the end of Pay, butill August, as being the time when the trees are Grong and lufty, and full of fap and leaves. To wit, in a hot Countrey, from the mide of June, buto the mide of July: but cold Countries, to the midit of August, after some imail Mowres of Raine.

If the Summer be so exceeding day, as that some tres dos withhold their sap, you must wait the time till it do returne.

Graft from the full of the Moone, butill the end of the old. Pou may graft in a Cleft, without having regard to the Raine, for the sap will keepe it off.

Pou may graft from mio-August, to the beginning of Pouember: Cowes bung with Araw both mightily preferue the graft.

The Art of propagating plants

It is better to graft in the evening, then the mouning.

The furniture and tooles of a Grafter, are a Balket to lay bis Grafts in, Clay, Grauell, Sand, og Arong Garth, to braw ouer the plants clonen: Poste, Woollen clothes, barkes of Willow to towne to the late things & earth be fore fyoken, and to keepe them falt: Dziers to the agains opon & barke, to keepe them firme and fast: Bummed War, to Dzelle and coner the ends and tops of the grafts newly cut, that so the raine and coloming not burt them, neither pet the fap rifing from belowe, be constrained to returne againe buto the shootes. A little Sawe or hand-Sawe, to sawe off the focke of the plants, a little Brife of Wen-knife to graffe, and to cut and charpen the grafts, that so the barke may not pill not be broken; which often cometh to palle when the graft is full of lap. Pou hall cut the graffe folong, as that it may fill the cliffe of the plant, and therewithall it mult be left thicker on the barke lide, that so it may fill by both the cliffe and other incifions, as any need is to be made, which must be alwaies well ground, well burnished without all ruff. Two wedges, the one broad for thicke trees, the other narrow for lette and tender trees, both of them of box, 02 some other hard and smooth wood, 02 steele, 02 of very hard iron, that so they may need lesse labour in making them Marve.

A little hand. Will to fet the plants at moze libertie, by cufting off superfluous boughs, held o of Juozy, Wox, oz Wzazell,

> CHAP. III. Grafting in the cleft.

Phe manner of grafting in a cleft, to wit, the flock being I clou'd, is proper not onely to trees, which are as great as amans legges or armes, but also to greater. It is true, that in as much as the trees cannot easily be clonen in their Cocke, that therefoze it is expedient to make incision in some one of their branches, and not in the maine body, as wee fee to bee practifed in great Apple-trees, & great Peareitres, and as wehave already declared heretofoze.

To graft in the cleft, you must make choice of a graft that is full of fap and tupce, but it must not bee, but till from after Zanuarie britill Warch: And you mult not thus graft in any

tree

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tree that is already budded, because a great part of the impre

fap would be already mounted by on high, and rifen to the top, and there dispersed and scattered hither and thither, into every springe and twigge, and ble nothing welcome to the graft.

3300 muft like wife be resolved not to gather your graft the day you graft in, but ten or twelue dayes before : for otherwife, if pougraft it new gathered, it will not bee able easily to incorporate it selfe with the body and stocke, where it shall bee grafted; because that some part of it will bay, and by this meanes will be a hinderance in the flocke to the rifing by of the lap, which it should communerate buto the graft, for the making of it to put forth. And whereas this dried part will fall a crumbling, and breaking thorow his rottennelle, it will cause to remaine a concauitie, or hollow place in the Stocke, which will bee an occasion of a like inconvenience to befall the graft. Pozeoner, the graft beeing new and tender, might ealily be burt of the bands, which are of necestitie to be tyed about the Stocke, to keepe the graft firme and fact. And you muck further fee, that your Plant was not of late removed, but that it have already fully taken root.

Withen you are minded to graft many grafts into one cleft,

you must see that they be cut in the end all alike.

Se that the grafts be of one length, oz not much differing, and it is inough, that they have three or four explets without the wrench when the plant is once sawed, and lopped of all his small Siens and Chootes round about, as also implyed of all his branches, if it have many: then you must leave but two at the most, before you come to the cleaning of it: then put to your little Saw,02 your knife, 02 other edged toole that is bery tharpe, cleane it quite thozoto the middelf, in gentle & loft fort : fird, tying the Stecke very fure, that so it may not cleane further then is need: and then put to your Medges into the cleft, butill such time as you have set in your grafts, and in cleaning of it, hold the knife with the one hand, and the free with the other, to belpe to keepe it from cleaning too farre. Afterwards put in your wedge of Bore oz Brazill, or bone at the small end, that so you may the better take it out againe, when you have let in your grafte.

Af the Stocke be clouen, or the Barke loofed too much from

The Art of propagating Plants.

the wood: then cleave it downelower, and let your grafts in, and looke that their incilion bee fit, and very tuffly answerable to the cleft, and that the two caps, first, of the Plant and graft, be right and even fet one against the other, and so handsomely fitted, as that there may not be the least appearance of any cut or cleft. For if they doe not thus immye one with another, they will never take one with another, because they cannot works their feeming matter, and as it were cartilaguous glue in conmenient fort or manner, to the gluing of their toynts together. won mut likewise beware, not to make your cleft onerthwart the vitch, but somewhat after.

The barke of your Plant beeing thicker then that of your Graft, you mult let the graft lo much the moze outwardly in the cleft, that so the two saps may in any case bee sopned, and let right the one with the other: but the rince of the Plant must be comewhat more out, then that of the grafts on the clouen side.

To the end that you may not faile of this worke of imping, pou must principally take been not to ouer-cleaue the Stockes of your Tres. But befoze you widen the cleft of your wedges, binde, and goe about the Stocke with two or three furnes, and that with an Dzier, close dzawn together, underneath the same place, where you would have your cleft to end, that to your Socke cleave not too farre, which is a very bluall cause of the miscarrying of grafts, inalmuch as hereby the cleft flandeth fo wide and open, as that it cannot be fint, and fo not grew together againe; but in the meane time spendeth it selfe, & breathe ethout all his life in that place, which is the cause that the Stocke and the Graft are both spilt. And this falleth out mot often in Plum-trees, and branches of tres. Pou muff be care. full to to joyne the rinds of your Grafts, and Plants, that nothing may continue open, to the end that the wind, moisture of the clay of Raine, running byon the grafted place, do not get in: when the Plant cleaneth very Craight, there is not any danger noz hardnesse in sloping downe the Graft. If you leane it somewhat bueuen, or rough in some places, so that the laps both of the one and of the other may the better grow, and beglued together, when your grafts are once well toyned to your Plants, draw out your Wledges very foftly, left you dif-

I 3.

place

Sugar, and some gammed Ware. .

II.

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If the Stocke of the Plant wherevoon you intend to graft, be not so thicke as your graft, you shall graft it after the fashion of a Goates foot, make a cleft in the Stocke of the Plant, not direct, but by as, and that smooth and enen, not rough: then apply and make fast thereto, the graft with all his Wark on, and answering to the barke of the Plant. This being done, couer the place with the fat earth and mose of the Moods tyed together with a strong band: sticke a pole of Mood by it, to keepe it stockas.

CHAP. IIII. Grafting like a Scutcheon.

I p grafting after the manner of a Scutcheon, you shall not vary not differ much from that of the Flute of Pipe, save onely that the Scutcheon-like graft, having one eyelet, as the other hath yet the wood of the tree whereupon the Scutcheon-like graft is grafted, hath not any knob, or budde, as the wood whereupon the graft is grafted, after the manner of a pipe.

and that their new Siens begin to grow some-what hard, you shall take a shoot at the end of the chiefe branches of some mode and reclaimed tree, whereof you would faine have some fruit, and not many of his old store or wood, and from thence raise a good exlet, the tayle and all thereof to make your graft. But when you choose, take the thickest, and grosest, divide the tayls in the middest, before you doe any thing else, cassing a way the lease (if it be not a Peare-plum-tree: for that would have two or three leaves) without removing any more of the said tayle: afterward with the point of a sharpe knife, cut off the Warke of the said shoote, the patterne of a shield, of the length of anaple.

In which there is onely one eylet higher then the midded together, with the relique of the tayle which you left behinde: and for the lifting by of the said graft in Scutcheon, after that you have cut the barke of the Good round about, without cut-

The Art of propagating plants

ting of the wood within, you must take it gently with your thumbe, & in putting it away you must presse byon the wood from which you pull it, that so you may bring the bud and all away together with the Scutcheon: for if you leave it behinde with the wood, then were the Scutcheon nothing worth. You thall sinde out if the Scutcheon be nothing worth, if looking within when it is pulled away from the wood of the same sufer, you finde it to have a hole within, but more manifestly, if the bud doe stay behind in the Waood, which ought to have been in the Scutcheon.

Thus your Scutcheon being well raised and taken off, hold it a little by the tayle betwirt your lips, without wetting of it, even butill you have cut the Barke of the tree where you would graft it, and looke that it be cut without any wounding of the wood within, after the manner of a crutch, but somewhat longer then the Scutcheon y you have to set in it, and in no place cutting the wood within; after you have made incinon, you must open it, and make it gape wive on both soes, but in all manner of gentle handling, and that with little Sizers of bone, and separating the wood and the barke a little within, even so much as your Scutcheon is in length and breadth: you must take heed that in doing hereof, you doe not burt the Barke.

This done, take your Scutcheon by the end, and your taile which you have left remaining, and put into your incision made in your tree. lifting by foftly your two fives of the incifion with your faid Sizers of bone, and cause the said Scutcheon to iopne, and live as close as may be, with the wood of the tree, being cut, as aforesaid, in waving a little byon the end of pour rinde: fo cut and let the upper part of your Scutcheon lee close buto the opper end of your incision, or barke of your faid tree: afterward binde pour Scutcheon about with a band of Bempe, as thicke as a pen of a quill, moze oz leffe, accozding as vour tree is small or great, taking the same Pempe in the middelf, to the end that either part of it may performe a like feruice; and wreathing and binding of the faid Scutcheon into the incision of the Tree, and it must not be tred too strait, for that would keepe it from taking the towning of the one sap to the other, beeing hindzed thereby, and neither the Scut14.

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ting

cheon,

wife cut the Dempe behinde them, and leane them bucouered.

Entallo pour banich two or three fingers abone that, fo the

impe map prosper the better : and thus let them remaine till

after Winter, about the moneth of Parch, and Apaill.

17.

theon, not pet the Dempe mult be moil, og wet: and the more fully to binde them together, begin at the backe fide of the Erce, right oner against the middest of the incision, and from thence come forward to torne them before, aboue the eplet and taple of the Scutcheon, croffing your band of Dempe, to oft as the two ends meet, and from hence returning backe againe, come about and tie it likewise buderneath the exists: and thus cast about your band still backward and forward, butill the whole cleft of the incision bee covered above and below with the faid Bempe, the eylet onely excepted, and his taile which must not be concred at all; his taple will fall away one part after another, and that shortly after the ingrafting, if so bes that the Socutcheon will take. Leans pour trees and Socutcheons thus bound, for the space of one moneth, and the thicker, a great deale longer time. Afterward looke them oner, and if von perceine the to grow together, butie them, og at the leaf-

78.

If you perceine that your bud of your Scutcheon do fwell and come forward: then cut off the tree three fingers or therearends, aboue the Scutcheon: for if it bee cut off too neere the Sentcheon, at luch time as it putteth forth his first bloffame, it would be a means greatly to hinder the howzing of it, and cause also that it thould not thrive and prosper so well as con that one veere is pace, and that the choose beginneth to bee frieng : beginning to put forth the lecond bud and blossome, you must goe forward to cut off in byas-wife the three Angers

19.

in the top of the tree, which you left there, when you cut it in the yeare going before, as bath been faic. Then your thoote Mall have put footh a great deale of length, von must sticke downe there, euen hard iopned thereunto, little linkes, tying them together very gently and eafily; and these thail stay your chootes and prop them by, letting the winde from doing any harme buto them. Thus you may graft white Roses in red, and red in white. Thus you may graft two or three scutcheons: provided that they bee all of one five: for they will not be let equally tegether in height,

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because then they would bee all flaruelings, neither monto they be vireally one over another; for the lower would flay the riand by of the lap of the tree, and lo thole about feetlo confame in penurie, and undergoe the aforefaid incommentance. Bou must note, that the scutcheon which is gathered from the Sien of a tree whole fruite is lowe, mutt be cut in ignore forme, and not in the plaine fallion of a foutchcon. It is or binariete graffe the lweet Quince tree, bastard Death tree. Angicock tree. Intube tree, lowge Cherry tree, fuect charry tree, & Chefinut tree, after this fashion, holobeit they might be grafted in the cleft more easily, & more profitably, slickworth diners be of contrary opinion, as thus belt: Wake the grafts of tweet Quince tree, and ballard Woach tree, of the fairest wood, and belt fed that you can finde, growing been the wood of the veeres old, because the wood is not so firme not sollo as the others: and you hall graffe them boom fmall Winm tree Acches being of the thicknesse of ones thumbe; these von Gall cut after the fathion of a Gontes foot: you hall not goe about to make the cleft of any more sides then one, being about a foote biah from the around; you muk open it with your small wedge: and being thus grafted, it will feeme to you that it te open but of one fice: afterward you hall weapit bu with a little Bolle, putting thereto some gummed War, oz clap, and binds it by with Dziers to keeps it furer, because the focks is not ffrong inough it felfe to hold it, and you thall furnify it every manner of way as others are dealt withall: this is most profitable.

The time of grafting.

All moneths are good to graft in, (the moneth of Dctober and Pouember onely excepted) But commonly, graft at that time of the winter, when sap beginneth to arise.

In a cold Countrey graft later, and in a warme countred carlier.

The best time generall is from the Grst of February, until the first of Way.

The grafts must always bee gathered, in the old of the Moone.

Foz grafts, choole thootes of a peere olv, oz at the furtherviolities pecres old. Sis

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If you muft carry grafts farre, pricke them into a Turnen newly gathered, oz lay earth about the ends.

If you let flones of Plummes, Almonds, Puts, 02 Peaches: Firfilet them lye alittle in the Sunne, and then Reepe them in Pilke 02 Water, three or foure dapes before you put them into the earth.

Dry the kernels of Dippins, and low them in the end of Pouember.

The Cone of a Plum-tree must be let a foot beeps in Ponember, og February.

The Date Cone must be let the great end bownwards, two cubits deepe in the earth, in a place enriched with dung.

The Peach Cone would be fet presently after the Fruit is eaten, some quantitie of the fleth of the Peach remaining about the Stone.

If you will have it to be excellent, graft it afterward byon an Almond tree.

The little Siens of Therry-trees, grown thick with haire, rots, and these also which doe grow by from the rootes of the great Cherry-trees, being remoued, doe grow better and fooner then they which come of fiones: but they must bee remoned and planted while they are but two oz three yeeres old, the branches muc be lopped.

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page 1. Emplaister-wise grafting. first veere. To have Cherries or Plums without stones. To make Quinces great. To set stones of Plummes, Dates, Nuts, and Peaches. To plant Cherry trees.



THE HVSBAND-MANS

FRVITFVLL ORCHARD.

For the true ordering of all sorts of fruits in their due feafons; and how double increase commeth by care in gathering yeere after yeere: as also the best way of carriage by Land or by Water: With their preservation for longest continuance.



Fall Rone Fruit, Cherries are the firft to be Cherries, gathered: of which, though we reckon foure Coats; Englich, Flemich, Bascopne & Black, pet are they reduced to two, the early, and the ordinarie: the early are those whose grafts came first from France and Flanpers, and are now ripe with bs in May: the

ordinarie is our owne naturall Cherry, and is not ripe before June ; they must be carefully kept from Birds , either with nets, noise, or other industry.

They are not all ripe at once, not may be gathered at once. therefore with alight Ladder, made to ffand of it felfe, without harting the boughes, mount to the tree, and with a gathering hooke, gather those which be full ripe, and put them into your Cherry-pot, 02 Apbzey hanging by your fide, 02 bpon any bough you please, and be sure to breake no falke, but that the cherry hangs by; and pull them gently, lay them downe tenderly, and handle them as little as you can.

Roz the conveyance of postage of Cherries, they are best To carry to be carried in broad Balkets like Sines, with smooth yeel- Cherries,

hing bottomes, onely two bread Laths going along the baftome : and if you doe transport them by Ship, or Boat let not the wines be fill'o to the top, left fetting one byon another, voit bruile and burt the Cherries! If you carry by borlebacke, then Dannpers well lined with Fearne, and packt full and close is the best and fafest way.

fruit.

Other flone Powfoz & gathering of all other Cone-fruit, as Perfarines. Appicocks, Deaches, Deare-plummes, Damions, Bullas and fuch like, although in their fenerall kindes, they feeme not to be rive at once on one tree: vet when any is ready to prov from the tree, though the other feeme hard, pet they may also be gathered, soz they have received the full substance the tree can aine them; and therefore the day being faire, and the bely dealone away; let by your Ladder, and as von gathered pour Cherries, so gather them: onely in the bottomes of von large Sines. where vou part them vou hall lav Bettles. and likewife in the top, for that will helpe to riven those that are most buready.

Gathering of Peares.

In nathering Peares, are three things observed; to gather for expence, for transportation, or to fell to the Apothecarie. If for expence, and pour owne ble, then gather them as soone as they change, and are as it were halfe ripe, and no moze but those which are changed, letting the rest hang till they change allo: for thus they will riven kindely, and not rot lo foone, as if they were full ripe at the gathering. But if your Peares be to be transported farre either by Land or Whater, then vull one from the tree, and cut it in the middelf, and if you finde it hollow about the choace, and the kernell a large space tolys in: although no Deare be ready to doop from the tree, yet then they may be gathered, & then laying them on a heape one bpon another, as of necessitie they must be for transportation, they will riven of themselves, and ease kindely : but gathered beforc, they will wither, firinks and eaterough, losing not onely their tafte, but beauty. Powfor the manner of gathering; albeit some climbe into the trees by the boughes, and some by Ladder, vet both is amisse: the best way is with the Ladder before spoken of, which standeth of it selfe, and with a balket and aline, which being full you must gently let down, and Beeping the Aring Kill in your hand, being emptied, draw it by

The Husband-mans fruitfull Orchard.

againe, and so finish your labour, without troubling your selfe, or burting the tree.

Pow touching the gathering of Apples, it is to bee done ac Gathering cozding to the ripening of the fruit; your Summer Apples of Apples. first, and the winter after. Foz Summer Fruits, when it is ripe, some will ozop from the tree, and birds will bee picking at them: But if you cut one of the greenest, and finde it as was thew's you before of the Peare: then you may gather them, and in the house they will come to their ripenesse and perfection. Foz pour Edinter fruit, you Chall know the ripenelle by the observation before the wed; but it must be gathered in a faire, Sunny, and day day, in the wayne of the Poone, and no winde in the Caft, also after the deaft is gone away: for the least wet or moissure will make them subject to rot and mill-bewe: also you must have an apron to gather in , and to empty into the great balkets, and a booke to brain the boughs buto you, which you cannot reach with your hands at ease: the apzon is to be an ell enery way, loopt op to your girdle, fo as it may ferue for either hand without any trouble: and when it is full, buloofe one of your loopes, and empty it gently into the great Balket, for in throwing them downe roughly, their owne falkes may pricke them; and those which are prickt, will euerrot. Againe, you muft gather your fruit cleane without Leaues or Brunts, because the one hurts the tree, for energ brunt would be a falke for fruit to grow vpon: the other hurts the fruit by bruifing, and pricking it as it is laid together, and there is nothing fooner rotteth fruit, then the greene and wis thered leanes lying amongst them; neither must you gather them without any stalke at all : for such fruit will begin to rot where the Calke Cono.

For fuch fruit as falleth from the trees, and are not gathe- To vic the red, they muft not be laid with the gathered fruit : and of fal-fallings. lings there are two forts; one that fals through ripeneste, and they are best, and may be kept to bake or road: the other windfals and before they are ripe; and they mut bee fpent as they are gathered, or else they will wither and come to nothing: and therefore it is not good by any meanes to beat downe fruit with Poales, 02 to carry them in Carts loofe and logging, 02 in facks where they may be bruised.

Carriage of fruit.

Withen your fruit is gathered, you thall lay them in beene Balkets of Wicker, which will contains foure of fire buffels. and to betweene two men, carry them to your Apple Loff, and in Chooting or laying them downe, be very careful that it bee done with all gentleucle, and leafure, taying enery fort of fruit severall byit selfe: but if there be want of roome, bauing so many sorts that you cannot lay them fenerally, then fuch some fruit as is neerest in take and colour, and of winter fruit, fuch as will taffe alike, may, if need require, be lare together, and in time you may separate them, tag hall bee howeo hereafter. But if your fruit bee gathered faire from your Apple Loft, then mult the bottomes of your Walkets be lined with greene Ferne, and valuthe Aubbogne ends of the same through the Bashet, that none but the saft leafe map touch the fruit, and likewife couer the tops of the baskets with Ferneallo, and drajusmall cord over it, that the Ferne may not fall away, nor the fruit fratter our, or logge by and downer and thus you may carry fruit by Land og by Water, by Boat, or Cart, as farre as you please: and the Ferne both not onely heape them from bruifing, but also ripens them, especially Peares. When your feuit is brought to your Apple Lett or fioze-house, if you finde them not ripened inough, then lay them in thicker heapes bpon Ferne, and couser them with Fernealfo: anowhen they are neere ripe. then buconer them, and make the heapes thinner, to as the apec may passe thosoluthem: and if you will not hasten the ripening of them, then lay them on the bare boozds without any Ferne at all. Powfor Counter, or long lafting Peares, they may be packt either in Ferne og Straw, and carried whither you pleafe; and being comme to the fourneys end, mus be late byon sweet straw; but beware the roome bee not too warme, not windie, and too cold, for both are hurtfull: but in a temperate place, where they may have agge, but not too much.

Of Wardens. Wardens are to be gathered, carried, packt, & laid as winter Peares are.

Of Mediers. Deviers are to be gathered about Dichaelmas, after a frost hath toucht them; at which time they are in their full growth, and will then be dropping from the tree, but never ripe byon

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the free. When they are gathered, they must be layd in a basket, sue, barrell, or any such caske, sue apt about with woolle cleathes, under, over, and on all sides, and also some waight late by on them, with a boord betweene: for except they bee brought into a heate, they will never ripen kindly or taste well. Pow when they have laine till you thinke some of them bee ripe, the ripest, still as they ripen, must be taken from the rest: therfore power them out into another sine or basket leasurely, that so you may well sinde them that be ripest, letting the hard one fall into the other basket, and those which bee ripe late a south ether that be halforipe, some also into a third sine or basket: for if the ripe, and halforipe be kept together, the one will be mouldy, before the other be ripe: And thus doe, till at be throughly ripe.

Duinces thoulo not be elaid with other fruite; for the fent Of Quinces is offendue both to other fruite, and to those that keepe the fruit or come amongst them: therefore lay them by themselves been sweet frame, where they may have apre enough: they must be packt like Pedlers, and gathered with Pedlers.

Apples must be packt in Theate or live strast, s in maunds To packe or beskets lyned with the same, and being gently handled, will Apples, ripen with such packing and lying together. If severall sorts of apples be packt in one maund or basket, then between every sort, lay sweet straste of a pretty thicknes.

Apples must not be possed out, but with care and leasure: Emptying first, the straw pickt cleane from them, and then gently take and laying out enery severall soft, and place them by themselves: but is Apples. for want of roome you must mire the softs together, then lay those together that are of equall lasting; but if they have all one take, then they need no separation. Apples that are not of like colours should not be laid together, and if any such bee mingled, let it be amended, and those which are first ripe, let them be first spent; and to that end, lay those apples together, that are of one time of ripening: and thus you must be sippins also, yet will they induce bruises better then other fruite, and whils they are greene will heale one another.

Pippins, though they grow of one tree, and in one ground, Differencs yet some will last better then other some, and some will bee in Fruit. Digger then others of the same kinde, accepting as they

baue

have more or leffe of the fun,or more or leffe of the droppings of the trees or soper branches: therefore let enery one make moft of that fruite which is faircit, & longest lafting. Angine. the largenesse & goodnes of trutte consists in gage of the tree: for as the tree increaseth, so the fruite increaseth in bianesse. beauty, take and firmnes: gother wife, as it becreafeth.

Transporting fruit by water.

Af you be to transport your fruite farte by water, then pronide some day hogges-heads of barrells, and packe in voue apples, one by one with your hand, that no empty place man beleft, to occasion fogging; and you must line your bestell ar both ends with fine (weet araw; but not the ades, to a novo beate: and you must bose a bosen boles at either end. to receive appelo much the better; and by no meanes let them take test. Some ble, that transport bevond feas, to fint the fruite under hatches byon firawibut it is not fo good, if cashe mar be gotten.

When not fruite.

At is not good to transposi fruite in Warch, when the wind to traiport blowes bitterly, nozin frolly weather, neither in the extreme beate of Dammer.

Toconuay finall flore offinite,

Af the quantitic be finall you would carry, then you may carry them in Dollers of Danniers, provided they be ever filled close, and that Cherries and Peares be lined with areens. Fearns, and Suples with (west firals; and that, but at the buttomes and tops, not on the ades.

Roomesfor े था:

White fruits must lye neither foo hot, nor foo cold; foo ciose, nextoo open: sex all are offensine. A lowercome or Coller that is tweet, and either boszded or paued, and not too. vicle, is good, from Chailimas till Barch: and roomes that are Stelly over head, and from the ground, are good from March till Gap : then the Celler againe, from Way thi Wichaelmas, The apple lost would be feeled or boorded, which if it want, then take the longest live Graw, and raise it against h walls, to make a fence as high as the fruite lieth; & let it be no thicker then to keepe the fruite from the wall, which being mora, may doe hart, or if not mort, then the duft is offerfine.

Sorting of Truit.

There are some fruit which will last but butill All-hallone tion: they must be laid by themselves; then those which will last till Christmas, by themselves: then those which will last till it be Candlemas, by themselves: those which will last till

Syzouce:

Shouetide, by themfelnes: & Pippins, Apple-Johns, Penrei maines, and winter-Ruffetings, which will laft all the peere, by themselves.

Now if you spy any rotten fruit in your heapes, pick them out, and with a Trey for the purpole, fee von turne the heaps over, and leave not a tainted Apple in them, dividing the hardest by themselves, and the brokenskinned by themselves to be first front, and the rotten ones to be case away; and sucr as von turne them, and picke them, buder-lay them with fresh Kraw: thus hall pou kvope them face foz your vie, which c-

therwife would rot subscalv.

Plyning, John-Apples, Peare-maines, and fush like long- Times of taiting fruit, need nat bee turned till the weeke befoge Chait ftirring mas volectethey be mirt with other of a riper kind, or that the fruit. fallings be also with them, or much of the first trawieft as mongst them: the next time of turning is at Showe-tide, and after that, once a moneth till Wibitson-tive; and after that, once a fortnight; and ener in the turning, lay your heapes lower and lower, and your fraw bery thinne: pronided you doe none of this labour in any great frost, except it bee in a close Celler. At energethaine, all scuit is moist, and then thep mult not be touched; neither in raing weather, for then thep will be vanke also: and therefore at such seasons it is good to fet open your windowes, and vooces, that the appe may have free pallage to dry them, as at nine of the clocke in the loss, noone, and foure in the afternoone in Winter; and at fire to the fore-noone, and at eight at night in Summer : onelg in Parch, open not your windowes at all.

All lafting fruit, after the mivdest of Bav, begin to wither, Shrineling because then they ware day, and the moidure gone, which made them looke plumpe: they mult needs wither, and bee of finite. smaller; and nature decaping, they must neces rot. And thus much touching the severing of fruits.

FINIS.

The Booke of Bees, called the feminine Monarchy, written heretofore by M. Charles Butler, and now so much della red, shall shortly be set forth againe, corrected and angmented by the Authors further experience.

